PTO/SB/05 (4/98) Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

S13.12-0146

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Attorney Docket No.

UTILITY
PATENT APPLICATION
TOANCMITTAL

	OTILITI	First I	nvento	r or App	licatio	n Identifier	.	Lucie	n A. Cou	villon,	Jr.
	PATENT APPLICATION	Title	EX	TERN	AL C	OUNTE	RPUL	SATIC	N DEVI	CE U	SING
		ELECTROACTIVE POLYMER ACTUATORS									
(Only for	new non-provisional applications under 37 C.F.R. § 1.53(B))	Expre	ss Mai	Label I	Vo.	EV178	301952	9US			
See Mi	APPLICATION ELEMENTS PEP chapter 600 concerning utility patent application content	ts.	Add	dress	То:		op Pate issione ox 1450	ent App r for Pa			8. PTG
1. 🗵	*Fee Transmittal Form e.g., PTO/SB17) (Submit an original and a duplicate for fee processing)		7.			ROM or Cl				ble or	645
2.	Applicant Claims small entity status							-			25日
3. 🗵	Specification [Total Sheets [19]]1	8.		oplica —	and/or Amir ble, all nec Computer	essary))		sion	t <u>=</u>
	Cross References to Related Applications Statement Regarding Fed sponsored R & D Reference to Microfiche Appendix Background of the Invention			b.		ification Se i. CD-R ii. Pape	equence OM or	e Listing	on:	o r	
	Brief Summary of the Invention Brief Description of the Drawings (if filed)	_		C.		Statement	verifyi	ng ident	tity of abov	e copie	es
	- Detailed Description	Ĺ			ACC	OMPANY	ING AF	PLICA	TION PAR	₹TS	
	- Claim(s)		9.	X	As	signment F	Papers	(cover s	sheet & doo	ument	(s))
	- Abstract of the Disclosure		10			C.F.R. § 3 then there i				Pow	
		- 1	11.		Er	nglish Trans	slation	Docume	ent (if applic	cable)	
4.	Drawing(s) (35 U.S.C. § 113) [Total Sheets 2]1	12.			formation D atement (II			9 🗖	Copi Citat	es of IDS ions
5.	Dath or Declaration [Total Sheets 2]	13.		Pr	eliminary A	Amendn	nent			
э. а.	Newly executed (original or copy)	_ }	14.	X		eturn Recei					
b.	Copy from a prior application (37 C.F.R. § 1.63 (for continuation/divisional with Box 18 completed)	(d))	15.		Ce	ertified Cop	y of Pri	iority Do	cument(s)		
	 i. <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior applicat 		16.		(b)	onpublication (2)(B)(i). A its equival	Applican				SB/35
6 E	see 37 C.F.R. §§1.63(d)(2) and 1.33(b)).	17.	X	O	her: Che	ecks in	the amo	ount of \$91	2.00 an	nd \$40.00
° 🗵	Application Data Sheet, See 37 CFR 1.76	- 1	17.								
Ард F	CONTINUING APPLICATION, check appropriate box, and ideation Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation Continuation - Examiner R CONTINUATION or DIVISIONAL APPS only: The entire of	in part (CIP)	of p Group	rior ap	plication No	o: <i>!</i>				_
unc	der Box 4b, is considered a part of the disclosure of the acco	mpanyli	ng con	tinuation	n or d	ivisional ap	pplication	on and i	s hereby in	corpor	rated by
refe	erence. The incorporation can only be relied upon when a po				rtently	omitted fr	rom the	submit	ted applica	tion pa	rts.
	17. 00	KKESI	UND	INCE							
	Customer Number or Bar Code Label					or	⊠ c	orrespo	ndence add	ress be	olow
Name	Joseph R. Kelly										
	WESTMAN CHAMPLIN & KELLY										
Address	Suite 1600 – International Centre										
	900 South Second Avenue		NANI						55402-	2210	
City	1112	tate	MN	334-3	222		Zip (Code	(612) 3		112
Country	USA Telepho	ne	(012)			on No. (Atto		Fax	34.847		12
Signa	e (Print/type) Joseph R. Kelly	_		Re	yistráti	OII NO. (Atto	aney/Age	Date	8-21-		
g	Typeful. / har	_					- 1		10-21-	ン	

			Compl	ete if Knov	wn					
FEE TRANSMITTAL	Applic	ation N								
	Filing	Date								
		First Named Inventor				Lucien A. Couvillon, Jr.				
		Title				EXTERNAL COUNTERPULSATION DEVICE USING ELECTROACTIVE POLYMER ACTUATORS				
		Group Art Unit								
		Examiner Name								
Total Amount of Payment \$ 912			Atty. Docket Number S13.12-0146							
METHOD OF PAYMENT (Check One)			FEE CALCULATION (Continued)							
The Director is hereby authorized to charge any addition	nal fee	3. ADD	ITIONAL	FEES						
required under 37 C.F.R. § 1.16 and 1.17, including any petitic and credit any over payments to Deposit Account No. <u>23-1123</u> Westman, Champlin & Kelly, P.A.	Large Fee	Entity Fee	Small Fee	Entity Fee						
2. X Check Enclosed	- 1	Code	(\$)	Code	(\$)					
		1051	130	2051	ε	55 Surcharge - Late filing fee or oath				
FEE CALCULATION	1052	50	2052	2	25 Surcharge - Late provisional Filing Fee or cover sheet					
1. BASIC FILING FEE		1053	130	1053	13	Non-English specification				
Large Entity Small Entity		1812	2,520	1812	2,52	 For Filing a Request for Reexamination. (ex parte) 				
Fee Fee Fee	1	1251	110	2251	5	55 Extension for reply within first month				
Code (\$) Code (\$) Fee Description		1252	410	2252	20	5 Extension for reply within second month				
1001 750 2001 375 🗵 Utility Filing Fee	}	1253	930	2253	46	5 Extension for reply within third month				
1002 330 2002 165 ☐ Design Filing Fee 1004 750 2004 375 ☐ Design Filing Fee		1254	1,450	2254	72	25 Extension for reply within fourth month				
Likeissue Fillig Fee		1255	1,970	2255	98	Extension for reply within fifth month				
1005 160 2005 80 Prov. Filing Fee			320	2402	16	60 Filing a brief in support of an appeal				
Subtotal (1403	280	2403	14	Request for oral hearing					
2. EXTRA CLAIM FEES		1814	110	2814	5	55 Terminal Disclaimer Fee				
Claims Below	Fee Paid	1452	110	2452	5	55 Petition to Revive - unavoidable				
Total 29 20 9 18	162	1453	1,300	2453	65	60 Petition to Revive - unintentional				
Indep. 3 3 0 84	0	1501	1,300	2501	65	 Utility/Reissue issue fee (inc. advance copies) 				
Multiple Dependent Claims			470	2502	23	5 Design issue fee (inc. advance copies)				
** Insert 3 and 20, or number previously paid if greater; Reissua see be Large Entity Small Entity	low	1460	130	1460	13	Petitions to the Commissioner				
Fee Fee Fee Fee Description Code (\$) Code (\$)		1807	50	1807	5	Petitions related to provisional applications				
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in exc	cess of 3	1806	180	1806	18	Submission of Information Disclosure				
1203 280 2203 140 Multiple Dependent Claim	ns	8021	40	8021	4	Recording each patent assignment per				
1204 84 2204 42 Reissue Independent Cla 0 riginal Patent 0 riginal Patent 1205 18 2205 9 Reissue claims in excess	1					property (times number of properties)				
and over original patent		Other Fee (specify)								
Supportary (2) \$ 162					Subtotal (3) \$				

Signature (Juseph R/Keily)

Reg. No. 34,847

Deposit Account No. 23-1123